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SEP 1 8 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Date: September 18, 2006

Applicants: Bednorz, et al.

Docket: YO987-074BZ

Serial No.: 08/479,810

Group Art Unit: 1751

Filed: June 7, 1995

Examiner: M. Kopec

NEW SUPERCONDUCTIVE COMPOUNDS HAVING HIGH TRANSITION

TEMPERATURE, METHODS FOR THEIR USE AND PREPARATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 (571) 273-8300

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this Eighth Response After Final Rejection (20 pages) is being facsimile transmitted to the U.S. Patent and Trademark Office to (571) 273-8300 on

September 18, 2006

Dr. Daniel P. Morris, Esq.

Reg. No. 32,053

EIGHTH SUPPLEMENTAL RESPONSE

Sir:

In response to Office Action dated October 20, 2005, please consider the following: